Operating instructions

combined refrigerator-freezer

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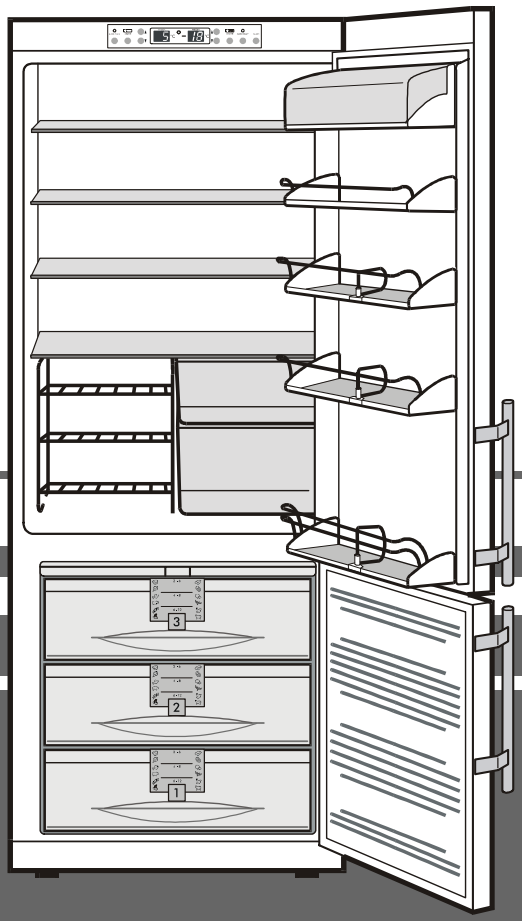

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Disposal notes

The packaging is made of recyclable materials.
- Corrugated board/board
- EPS moulded parts
- Polythene sheets
- Polypropylene straps

- Please return the packaging material to an official collection point.
- Do not dispose of discarded appliances with bulk refuse.
- Disable discarded appliances by removing the plug and cutting through the connection cable. Render the catch unusable so that children cannot become trapped inside.
- Ensure that the refrigerant circuit is not damaged when the appliance that is no longer needed is taken away for disposal.
- Details of the refrigerant used can be found on the type plate.
- Information on collection dates or collection points can be obtained from the waste disposal authorities or local council.

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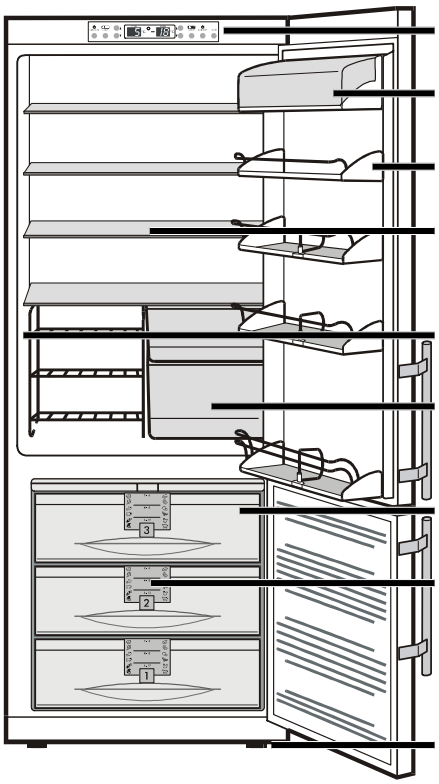


Safety instructions and warnings

- To prevent injury or damage to the unit, the appliance should be unpacked and set up by two people.
- In the event that the appliance is damaged on delivery, contact the supplier immediately before connecting to the mains.
- To guarantee safe operation, ensure that the appliance is set up and connected as described in these operating instructions.
- Disconnect the appliance from the mains if any fault occurs. Pull out the plug, switch off or remove the fuse.
- When disconnecting the appliance, pull on the plug, not on the cable.
- Any repairs and work on the appliance should only be carried out by the customer service department, as unauthorised work could prove highly dangerous for the user. The same applies to changing the mains power cable.
- Do not allow naked flames or ignition sources to enter the appliance. When transporting and cleaning the appliance ensure that the refrigerant circuit is not damaged. In the event of damage, make sure that there are no ignition sources nearby and keep the room well ventilated.
- Do not stand on the plinth, drawers or doors or use them to support anything else.
- Do not let children play with the appliance, e.g. do not allow them to sit in the drawers or swing on the doors.
- Do not eat ice cream, particulary ice lollies or ice cubes, immediately after taking them from the freezer compartment as there is a risk of "burning" because of the very cold temperatures.
- Do not consume food which has been stored for too long, as it could cause food poisoning.
- The appliance is designed for cooling, freezing and storage of food, and for making ice and is intended for domestic use. If used for commercial purposes, the relevant legal regulations applicable to the trade concerned must be observed.
- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane etc. in the appliance. Electrical components might cause leaking gas to ignite. You may identify such sprays by the printed contents or a flame symbol.
- Do not use electrical appliances inside the appliance.

Please read all the information contained in these operating instructions carefully. It includes important notes on the appliance's safety, installation and maintenance. Keep these instructions in a safe place and pass them on to the next owner where applicable. These instructions describe all the appliance's controls and equipment. Please bear in mind that individual models may differ slightly from these instructions.

The appliance is set to operate within specific ambient temperature limits according to its climate rating. These temperature limits should not be exceeded. The correct climate rating for your appliance is indicated on the type plate.

Climate rating	Ambient temperatures
SN	+ 10° to + 32 °C
N	+ 16° to + 32 °C
ST	+ 18° to + 38 °C
T	+ 18° to + 43 °C

Setting up

- Avoid positioning the appliance in direct sunlight or near cookers, radiators and similar sources of heat.
- The floor on which the appliance stands should be horizontal and level. To compensate for any unevenness, adjust the height of the feet with the open-ended wrench supplied. The appliance can be placed with its back flush to the wall.
- The ventilation grilles should not be obstructed. Always ensure that there is good ventilation and that the outward flowing air is able to escape.
- Do not place heat-emitting appliances, e.g. microwave oven, toaster, etc., on top of the appliance.
- Standard EN 378 specifies that the room in which you install your appliance must have a volume of 1 m^3 per 8 g of R 600a refrigerant used in the appliance, so as to avoid the formation of inflammable gas/air mixtures in the room where the appliance is located in the event of a leak in the refrigerant circuit. The quantity of refrigerant used in your appliance is indicated on the type plate on the inside of the appliance.

Connecting to the mains

Power supply (AC) and voltage at the operating point must comply with the details on the type plate, which is located on the inside left of the appliance, next to the vegetable bins. The socket must be fused with a 10 A fuse or higher, it must be away from the rear of the appliance and must be easily accessible.

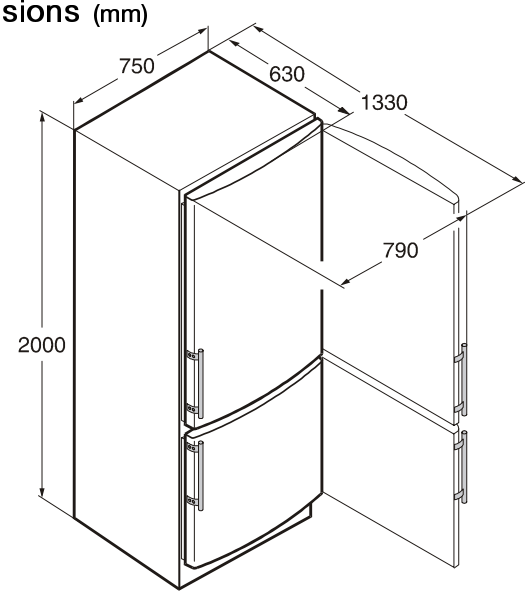
Connect the appliance with a properly earthed fused plug and socket only.

The wires in the mains lead are coloured in accord-ance with the following code: green/yellow = earth, blue = neutral, brown = live. Warning! This appliance must be earthed.

Notes on energy saving

- Avoid opening the door unnecessarily for long periods of time.
- Store frozen food logically and do not exceed the safe storage period.
- Allow hot food to cool to room temperature before storing it in the appliance.

Dimensions (mm)



Switching the appliance on and off

You are advised to clean the appliance before switching it on for the first time (see "Cleaning").
Switch on the appliance approx. 2 hours before loading it with frozen food for the first time. Do not load with frozen food until the temperature shows at least -18°C. The refrigerator and freezer compartments can be operated separately.

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ON/OFF ON/OFF Switching on: Press the on/off buttons (on left for refrigerator, on right for freezer) so that the temperature displays light up or flash.

- Refrigerator: The interior light will light up when the door is open.
- Freezer: The alarm will sound when the appliance is switched on for the first time and when the appliance is "warm".

ALARM Press the alarm off button to switch it off.
See the "Audible warning signal" for more information.

Switching off: Press the on/off buttons again so that the temperature displays go out.

Setting the temperature

The appliance is pre-set for normal operation. We recommend temperatures of +5°C in the refrigerator and -18°C in the freezer.

To reduce the temperature:
Press the bottom button; on left for refrigerator and on right for freezer.
To increase the temperature:
Press the top button.

- While you are entering the temperature, the set temperature will flash on the display.
- When you press the temperature setting buttons for the first time, the most recent setting (known as the "reference setting") is displayed.
- You can change the settings in increments of 1°C by briefly pressing the buttons again. If the buttons are held down the temperature setting will change faster.
- Approximately 5 seconds after the button has been released, the display will automatically show the actual freezing or cooling temperature (known as the "actual setting").
- You can change the temperatures
  in the refrigerator: between 11° and 2°C and
  in the freezer: between -14° and -28°C.

Child-proof lock

The child-proof lock is designed to protect the appliance from being switched off accidentally.

ALARM SUPER FROST > + > 3 sec. Switching on the child-proof lock: Hold down the audible warning on/off button and then press the Superfrost button, and keep both buttons pressed simultaneously for approx. 3 seconds.

A double beep confirms your entry. The LED will come on.

Switching off: Press this key combination again; the LED will now go out.

Temperature display

In normal operation, the following settings will be displayed:
- the average refrigerator temperature in display and
- the warmest frozen food temperature in display.

When starting up for the first time or when the appliance is warm, dashes will appear until the temperature reaches a level that can be displayed (19° to 0°C in the refrigerator and below 0°C in the freezer).
The display will flash:
- if you change the temperature or
- if the temperature rises by several degrees, indicating cold loss, e.g. if you place fresh, "warm" food in the freezer or if you remove or re-pack frozen food the temperature may rise for a short time due to warm air flowing into the freezer.

If F1 to F5 appears in the display, the appliance has a fault. Consult the customer service department indicating the fault number displayed.

Audible warning signal

The audible warning device helps to protect the frozen food and to save energy.

- It sounds when it is not cold enough in the freezer compartment. The temperature display will also flash;
- when too much warm air from the outside enters when inserting, re-arranging or removing frozen food.

The audible warning device is switched off by pressing the "ALARM" button. The temperature display will continue to flash until the cause of the alarm has been rectified.

Power failure "frost-control" display

If nA appears in the display, this means that the freezer temperature has risen too high during the last few hours or days due to a power failure.

If you press the "ALARM" button whilst the display is reading nA, the highest temperature registered during the power failure will be displayed. Check the quality of the food and its suitability for consumption in case it has become too warm or even defrosted.

The highest temperature will appear for appox. 1 minute. After that, the actual temperature in the freezer will re-appear. The display can be switched off by repeatedly pressing the "ALARM" button.

Supercooling

The Supercooling button switches the refrigerator compartment to maximum cooling. It is recommended particularly if you wish to cool large quantities of food, drinks, freshly baked cakes or meals rapidly.

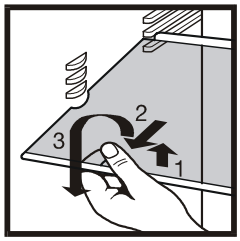
Switching on Supercooling: Press the Supercooling button briefly so that the LED comes on. The refrigerator temperature will drop to its lowest value.

Note: The Supercooling function uses slightly more energy. After approx. 6 hours, however, the refrigerator switches back automatically to normal energy-saving operation. If required, the Supercooling function can be switched off sooner.

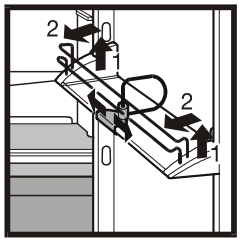
Switching off: Press the Supercooling button again so that the LED goes out.

Equipment

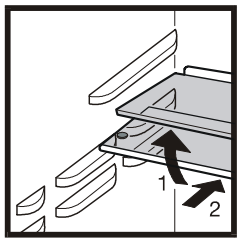
You can re-arrange the storage shelves as required. Lift up shelves at the front, pull them out halfway and remove by tilting upwards or downwards.
When inserting a shelf, the guard bar at the back must be facing upwards, otherwise food may freeze to the rear wall.



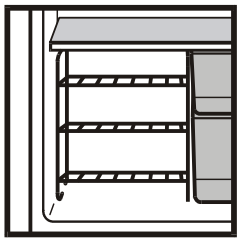
Repositioning the door racks
- Lift door rack vertically, lift out to the front and re-insert at a different height, following these steps in the reverse order.
- By shifting the bottle holder you can protect the bottles from falling over when opening or closing the door.



- If you require space for large bottles and containers, slide one half of the glass shelf to the back.



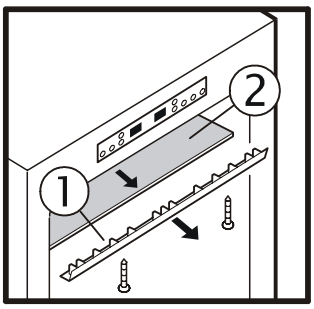
Bottle grid
The bottle grid serves as an additional storage surface for cooling drinks.



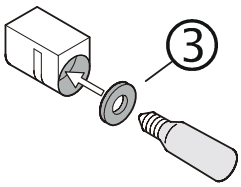
Interior light

This switches off automatically after the door has been opened for approx. 15 minutes. The light is located behind a cover at the top of the interior container and has two bulbs. When a bulb is defective, please note the following:

Bulb data: max. 25 W; current and voltage must agree with the details on the type plate. Bulb fitting: E 14.

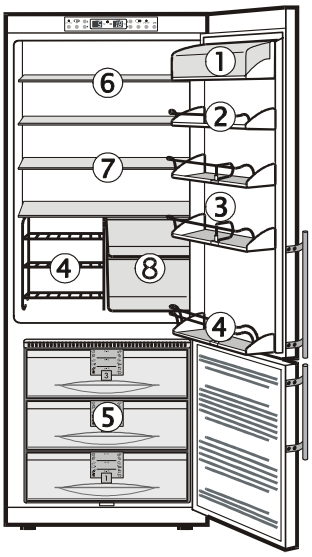


Replacing the bulb:
- Pull out the mains plug or remove/unscrew the fuse.
- Unscrew the support strip ❶ and remove in the direction of the arrow.
- Remove the glass plate ❷.
- Replace the defective bulb. When inserting the new bulb, make sure the seal ❸ is properly in position in the lamp socket.
- Replace the glass plate ❷ and the support strip ❶.



Cooling

Storage example



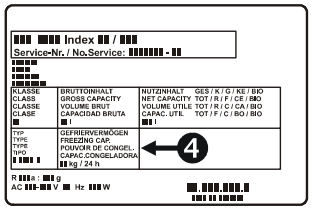
❶ butter, cheese
❷ eggs
❸ bottles, cans, tubes
❹ large bottles
❺ frozen food, ice cubes
❻ meat, sausage products, dairy products
❼ baked goods, pre-cooked meals
❽ fruit, vegetables, salad

Note

- food which gives off or absorbs odours and flavours as well as liquids should always be stored covered or in closed containers. High - percentage alcohols should be tightly sealed and stored upright.
- Fruit, vegetables and salad can be stored unpacked in the bins.

Freezing, storage

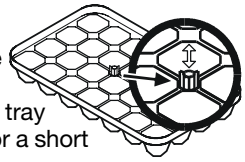
Fresh food should be frozen to the core as rapidly as possible. Frozen food can also be given a cold boost. This is provided by the "Superfrost" facility and ensures that the nutritional value, appearance and flavour of the food remains intact.



The maximum amount of food wich can be frozen in 24 hours is shown on the type plate ("Freezing capacity ❹ ...kg/24 hours"). This amount varies according to the model and climate rating.

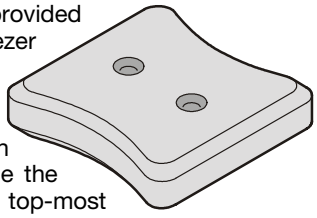
Making ice cubes

- Press the locking bolt downwards.
- Fill the ice-cube tray with water. Surplus water will flow through the drain hole.
- Push the locking bolt upwards.
- Place the ice-cube tray in the appliance and leave it to freeze.
- The ice cubes can be removed from the tray by twisting or by holding upside down for a short time under running water.



Cold-storage accumulators

The cold-storage accumulators provided prevent the temperature in the freezer from rising too quickly in the event of a power failure, thus preserving the quality of the food.
To ensure maximum storage time in the event of a power failure, place the cold-storage accumulators in the top-most freezer drawer on top of the food.



Freezing with Superfrost

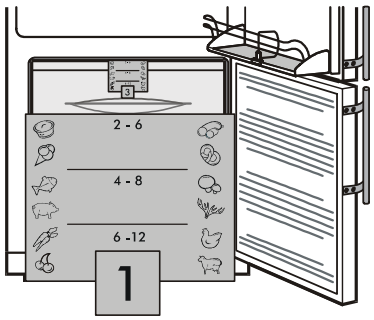
Press the Superfrost button briefly so that the LED lights up. The freezer temperature will decrease and the appliance will switch to the lowest temperature.

- For small amounts of frozen food, it is normally sufficient to switch on Superfrost 6 hours beforehand. For the maximum amount (see freezing capacity on the type plate) you will need to switch it on 24 hours beforehand.
- Then place the fresh food inside the freezer, preferably in the top drawers.
  If freezing the maximum quantity of food, do not use the drawers; instead, place the wrapped food directly on the cooling plates. Once the food is frozen you can load it into the drawers.
- The Superfrost function switches off automatically. Depending on the quantity of food placed in the freezer, this will normally be between 30 and max. 60 hours. The freezing process is now complete, the Superfrost LED will go out, and the freezer will switch back to normal energy-saving operation.

You should not switch on the Superfrost function:
- when placing frozen food in the freezer;
- when freezing up to approx. 2 kg fresh food daily.

Freezing chart

The freezing chart represents the frozen food and the time it can be safely stored in months. The recommended times indicated are guidelines; detailed instructions should be obtained from the manufacturer's packaging or a specialist book on freezing. The individual storage times and whether or not the lower or upper value is applicable depend on the food quality, its processing prior to freezing, and the individual household's quality requirements. The lower values always apply to food with a high fat content.



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Notes on freezing and storage

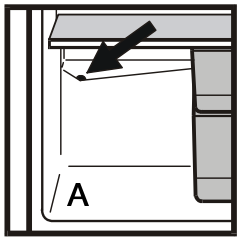
- Always store identical food items together.
- Items suitable for freezing: meat, game, poultry, fresh fish, vegetables, fruit, dairy products, bread, baked goods, pre-cooked meals. Not suitable: lettuce, radishes, grapes, whole apples and pears, fatty meat.
- Pack food which you are freezing yourself in quantities appropriate to your household. To ensure that the food freezes right through, the following quantities should not be exeeded per package: fruit, vegetables: up to 1 kg, meat: up to 2,5 kg.
- Blanch vegetables after washing and cutting them. (Add to boiling water for 2-3 minutes, remove and quickly cool down in cold water).
- Do not salt or season fresh food or blanched vegetables before freezing. Only lightly salt and season other food. The intensity of flavour of some spices can change.
- Pack frozen food in standard freezer bags or reuseable plastic, metal or aluminium containers.
- Do not allow fresh food which is to be frozen to come into contact with food already frozen. Always keep packs dry in order to avoid them sticking together.
- Always write the date and contents on the pack and do not exeed the stated storage time for the food.
- Do not freeze bottles and cans which contain carbonated drinks as they might burst.
- Only take out as much food as is immediately required for thawing. Use food which has been thawed in prepared meals as quickly as possible.

Frozen food can be thawed in the following ways:
– in a fan oven
– in a microwave oven
– at room temperature
– in the refrigerator: the cold given off by the frozen food is used for cooling.

Solid cuts of meat and fish can be cooked when partly thawed.
Vegetables can be cooked from frozen (in half the normal time).

Defrosting

Refrigerator compartment



The refrigerator compartment defrosts automatically. The water that forms on the rear wall drains into a reservoir at the back of the appliance and evaporates automatically through the compressor heat.
Ensure that the defrost water can flow freely through the drain hole in the rear wall (arrow in fig. A).

Freezer compartment

The No-frost system automatically defrosts the appliance.
Ani moisture arising collects on the evaporator and freezes, and is periodically defrosted and evaporated.

Cleaning

Before cleaning always switch off the appliance. Pull out the mains plug or remove/unscrew the fuse.

Clean the inside, equipment parts and outer walls with lukewarm water and a little detergent. Do not use abrasive or acid cleaners or chemical solvents.

Do not use steam cleaners because of the risk of injury and damage.

- Ensure that no cleaning water penetrates into the electrical components or ventilation grille.
- Dry all parts well with a cloth.
- The dust should be removed from the refrigeration unit and heat exchanger – metal grid at the back of the appliance – once a year.
- Do not damage or remove the type plate on the inside of the appliance. It is very important for servicing purposes.

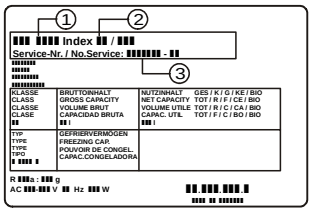
Malfunctions

Your appliance is designed and manufactured for a lengthy, reliable operating life with no malfunctions. If a malfunction nonetheless occurs during operation, check whether it is due to an operating error. Please note that even during the warranty period the resultant servicing costs in this case will have to be borne by the owner.

You may be able to rectify the following faults by checking the possible causes yourself:

- Appliance does not function:
– Is the appliance switched on?
– Is the plug correctly fitted in the mains socket?
– Is the socket fuse intact?
- Loud running noise:
– Is the appliance set up firmly on the floor?
– Does the appliance cause nearby items of furniture or objects to vibrate? Please note that noises caused by the refrigerant circuit cannot be avoided.
- The temperature is not low enough:
– Is the temperature setting correct (see "Setting the temperature")?
– Have excessive amounts of fresh food been placed in the appliance?
– Does the separately installed thermometer show the correct reading?
– Is the ventilation system working properly?
– Is the appliance set up too close to a heat source?

IIf none of the above causes apply and you cannot rectify the fault yourself, contact the nearest customer service department stating the type of appliance ❶, index ❷ and service number ❸ as indicated on the type plate. The type plate is located in the refrigerator compartment on the left-hand side (Refrigerator compartment). Keep the door closed if there is a fault. This will stop cold from escaping and the temperature from rising.


1
2
Index / Service-Nr. / No.Service: - 3
KLASSE CLASS CLASSE CLASE
BRUTTOINHALT GROSS CAPACITY VOLUME BRUT CAPACIDAD BRUTA
NUTZINHALT NET CAPACITY VOLUME UTILE CAPAC. UTIL.
GES / K / G / KE / BIO
TOT / R / F / CE / BIO
TOT / R / C / CA / BIO
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TYP TYPE TYPE TIPO
GEFRIERVERMÖGEN FREEZING CAP. POUVOIR DE CONGEL. CAPAC.CONGELADORA
R - g
AC V Hz W

Shutting your appliance down

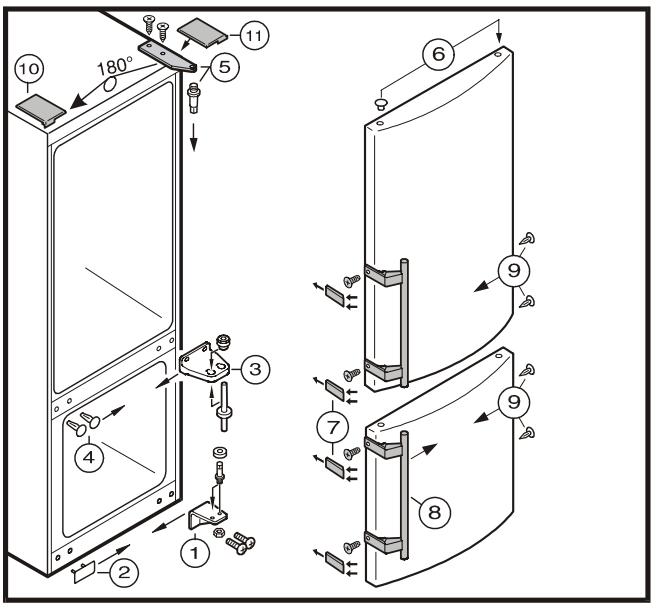
If your appliance is to be shut down for any length of time, switch it off and disconnect the plug or remove the fuse. Clean the appliance and leave the door open in order to prevent unpleasant smells.

The refrigerant circuit has been tested for leaks.
The appliance is radio-suppressed to EN 55014 and thus complies with EC Directive 87/308/EEC.

All types and models are subject to continuous improvement and the manufacturer therefore reserves the right to make modifications to the shape, equipment and technology.

Changing over door hinges

- Close the doors and unscrew the hinge bracket ❶. Pull the door out at the bottom and lift off.
- Unscrew the hinge pin from the hinge bracket ❶ and screw into the adjacent retaining hole.
- Lift off the cover plate ❷ and seal the retaining holes on the other side with it.
- With the top door shut, unscrew the hinge bracket ❸. Pull the door out at the bottom and lift off.
- Mount hinge pin and bushing of hinge bracket ❸ in the adjacent retaining hole.
- Remove the plugs ❹ and replace on the other side.
- Lift off the cover plate ❿.
- Rotate the hinge ❺ by 180° and transfer to the other side.
- Click cover plate ⓫ into place.
- Insert the plug ❻ in the exposed door mounting.
- Mount the upper door in the hinge pin ❺, close and attach the hinge bracket ❸.
- Mount the lower door on the hinge bracket ❸ and close.
- Insert the hinge bracket ❶ in the lower door mounting and screw onto the plinth.
- Lever out pressure plates ❼ at the front and slide away.
- Transfer door handles ❽ and plugs ❾ to the other side.
- Attach pressure plates ❼.



Installing appliance in a row of kitchen units

To adapt the height of the appliance to the surrounding furniture a top unit ❶ can be added. A gap of at least 50 mm depth must be provided behind and along the entire width of this unit so as to ensure sufficient ventilation. The area of ventilation underneath the ceiling should be at least 300 cm². The greater the area the more economically the appliance will run.

When setting up the appliance next to a wall ❹, a distance of approx. 40 mm must be provided on the hinge side between the appliance and the wall (for the handle when the door is open).

❶ top unit
❷ refrigerator-freezer
❸ kitchen unit side panel
❹ wall